

**REMARKS**

Claims 1-6, 8, 11-13, 15-20, 21-23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Number 6,219,721 by Su (hereinafter "Su").

Claims 7 and 14 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Number 6,219,721 by Su (hereinafter "Su") in view of US Patent Number 6,327,653 by Lee (hereinafter "Lee").

Claims 9-10 and 24 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Number 6,219,721 by Su (hereinafter "Su") in view of US Patent Number 6,128,661 by Flanagin (hereinafter "Flanagin").

Claims 1, 11, and 21 have been amended. Claims 4, 12, 13, 22, and 23 have been canceled.

Reconsideration of this application is respectfully requested.

**Claim Rejections – 35 U.S.C. § 103**

Claims 1-6, 8, 11-13, 15-20, 21-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Su (U.S. Patent No. 6,219,721).

In regards to claim 1, Applicant asserts that Su does not render obvious claim 1 under 35 U.S.C. §103(a). Applicant reserves the right to swear behind the effective prior art date of this reference. Claim 1, as amended, states:

1. A computer system comprising:
  - a first memory subsystem to store a full operating system (OS) and a mini operating system;
  - a mechanical switch having a first state and a second state;
  - a first circuit to execute a boot code and to determine a state of the mechanical switch at power-on; and
  - a second circuit to boot the full OS as a primary OS of the computer system if the first circuit determines that the mechanical switch is in the

first state at power-on and to boot the mini OS as the primary OS of the computer system if the first circuit determines that the mechanical switch is in the second state at power-on, wherein the mechanical switch has a third state and a fourth state, the second circuit to boot the full OS as the primary OS of the computer system and to make the full OS the default OS if the first circuit determines that the mechanical switch is in the third state at power-on, and to boot the mini OS as the primary OS of the computer system and to make the mini OS the default OS if the first circuit determines that the mechanical switch is in the fourth state at power-on.

(Emphasis Added)

Su discloses the following passage.

When the power switch of the computer 100 is turned on, the system selection switch 900 is operated to select the first operating system hard disk drive 210 or the second operating system hard disk drive 230, enabling the computer 100 to start by means of the first operating system or the second operating system, and to operate under the accessed operating system. (column 3, lines 1-7).

Su discloses a first OS located on disk drive 210 and a second OS located on disk drive 230. The system selection switch 900 selects one of the two operating system disk drives in order to access the first or second OS. Thus, Su discloses a switch 900 with 2 states as illustrated in Figures 1 and 2.

By contrast, Su does not disclose or suggest a mini OS. Su does not disclose or suggest a first and second OS on a single disk drive. Su does not disclose or suggest a switch 900 with 4 states. Accordingly, Su does not disclose or suggest the limitation "wherein the mechanical switch has a third state and a fourth state, the second circuit to boot the full OS as the primary OS of the computer system and to make the full OS the default OS if the first circuit determines that the mechanical switch is in the third state at power-on, and to boot the mini OS as the primary OS of the computer system and to make the mini OS the default OS if the first circuit determines that the mechanical

switch is in the fourth state at power-on" as recited in amended claim 1 because Su merely discloses a switch with two states.

Therefore, applicant submits that the combination of Su and the contentions that, "a mini OS can be interpreted as an older version of an operating system which has less features and is smaller than the new version" does not disclose each and every limitation of amended claim 1. Hence, amended claim 1 is not made obvious under 35 U.S.C. §103(a).

Independent claims 11 and 21, as amended, also include limitations similar, but not identical, to the limitations of claim 1. For the same reasons discussed above, the combination of Su and the contentions that, "a mini OS can be interpreted as an older version of an operating system which has less features and is smaller than the new version" does not disclose each and every limitation of independent claims 11 and 21. Hence, claims 11 and 21 are not made obvious under 35 U.S.C. §103(a).

Dependent claims 2, 3, 5, 6, 8-10, and 15-20 depend on and include the limitations of independent claims 1, 11 and 21. Therefore, the combination of Su and the contention that, "a mini OS can be interpreted as an older version of an operating system which has less features and is smaller than the new version" do not make claims 2, 3, 5, 6, 8-10, and 15-20 obvious under 35 U.S.C. §103(a).

Claims 7 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Su (U.S. Patent No. 6,219,721) in view of Lee (U.S. Patent No. 6,327,653).

Applicant reserves the right to swear behind the effective prior art date of Lee. Claims 7 and 14 depend from and include the limitations of one of the corresponding independent claims 1 and 11 noted above. It is submitted that Lee fails to cure the

deficiencies of Su noted above with respect to claim 1 and, therefore, claims 7 and 14 are patentable over the combination of cited references.

Claims 9-10, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Su (U.S. Patent No. 6,219,721) in view of Flanagin (U.S. Patent No. 6,128,661).

Applicant reserves the right to swear behind the effective prior art date of Flanagin. Claims 9-10 and 24 depend from and include the limitations of one of the corresponding independent claims 1 and 21 noted above. It is submitted that Flanagin fails to cure the deficiencies of Su noted above with respect to claim 1 and, therefore, claims 9-10 and 24 are patentable over the combination of cited references.

### Conclusion

It is respectfully submitted that in view of the amendments and remarks set forth herein, the rejections and objections have been overcome. Applicant reserves all rights with respect to the application of the doctrine equivalents. If there are any additional charges, please charge them to our Deposit Account No. 02-2666. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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